Safety Management Systems Implementation

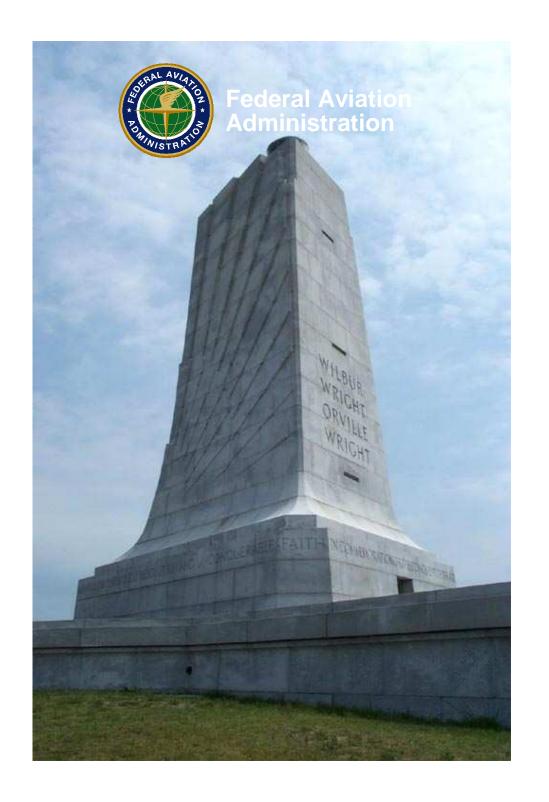
Western Pacific Airports
Conference

By: Mike Brown

Manager, Airport Safety and Operations

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May 7, 2008



BACKGROUND - What is SMS

Systems Safety-

- Proactive vs. Reactive
- Balance between safety and production
- Future demands on the Air Transportation System





BACKGROUND (Continued)



Annex 14

USOAP Audit Finding

FAA Requirement

FAA Orders and Regulations

Air Traffic Control

Air Carriers

Airport Operators





Office of Airport Safety and Standards (AAS) Initiatives

Advisory Circular-

- ►Introduce SMS Concepts
- Define SMS minimum requirements
 - -Policy
 - -Safety Risk Management
 - -Safety Assurance
 - -Safety Promotion





Office of Airport Safety and Standards (AAS) Initiatives

Transportation Research Board-

- Airport Cooperative Research Program
- Guidebook for Developing Airport Safety Management Systems





Office of Airport Safety and Standards (AAS) Initiatives

Pilot Study

20 Airports Received AIP Grants

FAA Web site and discussion board



Scalability

Determine size and complexity applications



SMS Pilot Study Deliverables

Safety Program Manual

Why is it a separate document?

SPM Deliverables

Gap Analysis (Dec 1, 2007)

SPM Plan Draft (April 1, 2008)

SPM Plan Final (June 1, 2008)

6 to 8 month time frame





Common GAP Analysis Findings

- Safety Policy
- Safety Program Integration
- Non-Punitive Safety Reporting
- Defined Risk Management Process
- Documentation







Self Assessment Tools for GAP Analysis

Docs section

- VPP Site Report Template
- Dept of Labor Voluntary Protection Plan
- ATO SMS Manual
- Transport Canada's Safety Culture Template
- Interview Responses from Mitre



Questions??

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